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MONTANA OIL AND GAS STATISTICAL BULLETIN

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OIL AND GAS CONSERVATION COMMISSION
SAVINGS BLDG.
HELENA, MONTANA

Vol. X, No. 12 HELENA INDEPENDENT-RECORD HELENA, MONTANA DECEMBER, 1962

Production of crude oil and condensate from the oil and gas areas of Montana for the Month of December 1962, averaged 85,991 barrels daily, a decrease of 983 barrels from the average November production of 86,974.

The nine refineries in State processed 75,911 barrels of crude oil daily for the month of December 1962, an increase of 1,812 barrels from the 74,099 barrels processed daily during the month of November 1962.

During December, 41 wells were completed, 25 oil, 1 gas well and 15 dry holes.

During December, the commission issued 26 permits to drill new wells, a decrease of 16 from the 42 permits issued during November.

SUMMARY OF CRUDE OIL PRODUCTION REFINING, STORAGE, ETC., IN MONTANA

MONTH OF DECEMBER, 1962

IN STORAGE DECEMBER 1st:	
By Producers	348,649
By Transporters	966,617
By Refiners	603,608
TOTAL STORAGE	1,918,874
Produced in Montana During Month	2,665,723
Imported During Month	1,288,030
TOTALS	5,872,627
DISPOSITION:	
Refined in Montana	2,353,241
Exported	1,635,678
Used for Fuel or Lost	20,264
TOTAL	4,009,183
IN STORAGE DECEMBER 31st:	
By Producers	350,355
By Transporters	917,246
By Refiners	595,843
TOTAL STORAGE	1,863,444

NATURAL GAS WITHDRAWALS IN MONTANA

Month of December, 1962

Field	M Cu. Ft.
Bears Den	0
Big Coulee	116,714
Bowdoin	257,732
Bowes	88,085
Box Elder	0
Cabin Creek	89,058
Cedar Creek	870,995
Clarks Fork	0
Cut Bank (including Reagan)	1,060,344
Devon	0
Dry Creek	190,768
Elk Basin	35,065
Flat Coulee	9,831
Golden Dome	26,369
Grandview	0
Hardin	5,248
Havre	0
Keith Block	312,459
Kevin Sunburst	103,882
Pine	55,757
Plevna	15,434
Utopia	102,170
Whitlash	78,125
Miscellaneous	14,591
TOTAL	3,432,627

Total Withdrawals for December, 1961 were 4,827,993 M Cu. Ft.

PRODUCERS REPORT—MONTH OF DECEMBER, 1962

Leases	Field	No. of Wells	Storage 1st of Month	Oil Produced	Oil Shipped By		Used or Lost	Storage End of Month
					Pipeline	Truck		
1	Ash Creek	4	763	2,253		2,596		420
4	Bannatyne	8	1,167	1,215		1,007		1,375
1	Bascom	1	214	1,606	1,566			254
4	Bear's Den	5	1,282	2,962		2,637		1,607
1	Belfry	1	465	639		923		181
1	Benrud	1	477	2,720	2,651			546
1	Benrud East	1		16,145	15,124			1,021
11	Big Wall	31	2,151	27,099	27,188	153		1,909
9	Blackfoot	14	2,831	8,517		8,693	86	2,569
1	Border	1	176	85		201		60
1	Bowes	74	3,341	16,336	16,764			2,913
1	Brady	1		803	803			
2	Bredette North	2	907	524	478			953
11	Cabin Creek	116	8,500	315,561	304,136			19,925
17	Cat Creek	96	2,815	19,666	18,805			3,676
1	Clark's Fork North	1	1,599	1,083		770		1,912
1	Cupton	1	739	728		1,183		284
204	Cut Bank	1,082	115,107	145,474	132,716	8,856	105	118,904
3	Deer Creek	6	2,205	16,074	14,690			3,589
2	Delphia	2	834	1,380		1,375		839
	Devil's Basin		1,265					1,265
5	Dry Creek	5	959	886	511			1,334
21	Dwyer	22	11,520	87,389	87,225		12	11,672
8	Elk Basin	59	3,800	311,804	312,754			2,850
2	Fertile Prairie	2	750	4,585	3,856		537	942
4	Flat Coulee	11	1,921	11,090		10,943		2,068
2	Frannie	2		1,764	1,764			
2	Gage	2	599	636	770			465
4	Gas City	26	4,384	74,804	71,596			7,592
6	Glendive	11	2,225	36,140	36,345			2,020
5	Graben Coulee	10	1,893	5,534		5,269		2,158
5	Gypsy Basin	5	2,010	3,314	2,807		187	2,330
1	Hibbard	1	395	778		987		186
9	Ivanhoe	18	2,486	27,992	26,914			3,564
6	Keg Coulee	13	5,507	33,616	34,560		5	4,558
147	Kevin Sunburst	1,006	21,011	48,508	49,362		14	20,143
2	Little Beaver	24	3,651	31,279	30,233	1,001		3,696
4	Little Beaver East	23	2,936	23,636	23,546			3,026
18	Lookout Butte	46	4,696	146,593	143,780	3,338	358	3,813
	Mackay Dome		770					770
2	Melstone	5	757	5,976	5,838			895
6	Monarch	16	5,430	16,943	20,225			2,148
2	Mosser	2		392		392		
2	Musselshell	2	1,181	1,040		792	1	1,428
7	Outlook	11	9,734	39,254	43,360			5,628
3	Outlook South	3	2,184	2,298	2,915			1,567
33	Pennel	66	4,076	140,312	127,260	13,529		3,599
4	Pine	142	13,712	354,004	353,867	403	506	12,940
74	Pondera	293	9,304	36,533	38,395		37	7,405
2	Pondera Coulee	2	144	269	269			144
5	Poplar, East	89	16,543	144,912	146,144			15,311
4	Poplar, Northwest	5	2,478	2,109	2,791			1,796
6	Ragged Point	18	2,941	17,525	18,468			1,998
3	Reagan	43	3,585	20,132	20,103			3,614
12	Red Creek	26	6,258	40,246	41,866			4,638
1	Redstone	1	754	992	1,318			428
1	Repeat	1	399	1,496		1,787		108
5	Richey	9	1,693	5,551	5,619			1,625
4	Richey, Southwest	5	3,192	12,877	13,809			2,260
4	Sand Creek	5	2,966	9,028	7,762		119	4,113
6	Sidney-Brorson	6	4,000	4,782		4,223	49	4,510
2	Snyder	4	1,159	876		856		1,179
6	Soap Creek	10	2,798	4,756		5,688		1,866
10	Stensvad	25	7,568	54,065	55,505			6,128
32	Sumatra	101	12,595	185,686	184,325			13,956
6	Tule Creek	8	3,350	80,954	81,294			3,010
12	Whitlash	32	6,707	10,815	2,302	10,556		4,664
2	Whitlash, West	2		429		429		
9	Wolf Springs	18	3,535	19,805	20,339			3,001
4	Woodrow	6	688	17,842	17,612			918
2	Wildcat, Sheridan Cty	2	567	2,606	1,084			2,089
799		3,692	348,649	2,665,723	2,573,414	88,587	2,016	350,355

Total Oil Produced and Shipped from Lease	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1961	30,906,044	84,674	30,855,175	84,534
First Quarter, 1962	7,758,129	86,201	7,754,899	86,165
Second Quarter, 1962	7,814,132	85,870	7,829,353	86,037
Third Quarter, 1962	8,075,340	87,775	8,074,997	87,771
October, 1962	2,724,945	87,901	2,792,427	90,078
November, 1962	2,609,238	86,974	2,625,446	87,514
December, 1962	2,665,723	85,991	2,662,001	85,871

Oil in Storage	In Producers Field Tank	In Transporters Storage	In Refiners Storage*	Total Oil in Storage*
December, 1961	386,286	940,839	629,288	1,956,413
March, 1962	385,453	877,194	559,443	1,822,090
June, 1962	363,128	924,225	624,679	1,912,032
September, 1962	360,156	870,717	565,186	1,796,059
October, 1962	367,696	833,677	513,068	1,714,441
November, 1962	348,649	966,617	603,608	1,918,874
December, 1962	350,355	917,246	595,843	1,863,444

*Includes Wyoming Oil

TRANSPORTERS REPORT—MONTH OF DECEMBER, 1962

	Storage First of Month	OIL RECEIVED BY			Loss or (Gain)	OIL SHIPPED TO			Storage End of Month
		Pipeline	Truck	Connecting Carrier		Montana	Other States	Connecting Carrier	
ASH CREEK—Truck			2,596				2,596		
BANNATYNE—Truck			1,007			1,007			
BEAR'S DEN			2,637			2,637			
BELFRY—Truck			923					923	
BIG WALL—McWood Corp.			153			153			
Glacier Pipe Line Co.		26,741				26,741			
		26,741	153			26,894			
BLACKFOOT—Union Oil Co.			8,693			8,693			
BORDER—Truck			201			201			
BOWES—Texaco, Inc.		16,764				16,764			
CABIN CREEK & OTHERS*									
Butte Pipe Line Co.	344,382	958,102		621,771			1,609,147		315,108
Shell Pipe Line Corp.	5,965	235,974		991	(180)			240,256	2,854
Truck			21,241					21,241	
	350,347	1,194,076	21,241	622,762	(180)		1,609,147	261,497	317,962
CAT CREEK									
Glacier Pipe Line Co.		16,057				16,057			
CLARK'S FORK—Truck			770					770	
CUT BANK									
Darling Gathering System, Inc.	2,226	6,007			213			4,312	3,708
Glacier Pipe Line Co.				125,892				125,892	
Phillips Petroleum Co.	13,259	48,537		61,458	976	84,889		6,161	31,228
Texas Pipe Line Co.	40,358	18,627		53,200	123			95,745	16,317
Teton Pipeline Corp.		34,519		65,626		11,088		88,612	445
Union Oil Co.	93,984	56,388		12,129	278	89,083			73,140
Truck			14,125					14,125	
	149,827	164,078	14,125	318,305	1,590	185,060		334,847	124,838
DELPHIA—Truck			1,375			1,375			
DRY CREEK—									
Marathon Pipe Line Co.	7,925	511			102			2,402	5,932
ELK BASIN—Ohio Oil Co.		312,754				312,754			
FLAT COULEE—Truck			10,943			10,943			
FRANNIE—Ohio Oil Co.		1,764					1,764		
GAGE—Glacier Pipe Line Co.		770				770			
GLENDIVE, DEER CREEK, WOODROW & SAND CREEK									
Texas Pipe Line Co.	8,207	76,410			55	24,821		52,381	7,360
HIBBARD—Truck			987			987			
IVANHOE—Glacier Pipe Line Co.		26,919					26,919		
KEG COULEE									
Glacier Pipe Line Co.		34,552				16,883	17,669		
KEVIN SUNBURST									
Big West Oil Co.	2,972	72,622				71,065			4,529
Homestake Oil & Gas Co.	1,992	2,667		4,312	70	8,734			167
Texas Pipe Line Co.	5,696	20,161			245			19,434	6,178
	10,660	95,450		4,312	315	79,799		19,434	10,874
MELSTONE—									
Glacier Pipe Line Co.		5,833				5,833			
MOSSER—Truck			392					392	
MUSSELSHELL—Truck			792			792			
PONDERA—Phillips Petr. Co.	15,614	42,193			2,719	49,145			5,943
POPLAR, BENRUD, BREDETTE, DWYER, OUTLOOK, OUTLOOK SOUTH, REDSTONE AND TULE CREEK									
East Poplar Gathering System	19,185	335,921			1,382			329,133#	24,591
RAGGED POINT—									
Glacier Pipe Line Co.		18,430				10,247	8,183		
RED CREEK—									
Teton Pipeline Co.		44,744			447			44,297	
SIDNEY-BRORSON—McWood Corp.	3,374		4,223					5,186	2,411
SNYDER—McWood Corp.			856			856			
SOAP CREEK—McWood Corp.	4,850	422	5,688	2,396	232	7,705			5,419
SUMATRA AND STENSVAD									
Crude Oil Pipe Line, Inc.	15,052	7,515				9,327			13,240
Glacier Pipe Line Co.	366,594	231,951		376,707	10,752	372,910	212,446		379,144
	381,646	239,466		376,707	10,752	382,237	212,446		392,384
WHITLASH—									
Homestake Oil & Gas Co.		581				581			
Truck			10,985			10,985			
		581	10,985			11,566			
WOLF SPRINGS									
Crude Oil Pipe Line, Inc.	14,982	20,590				16,040			19,532
TOTALS	966,617	2,675,026	88,587	1,324,482	17,414	1,190,066	1,878,724	1,051,262	917,246

*Cabin Creek, Cupton, Fertile Prairie, Gas City, Little Beaver, Little Beaver East, Lookout Butte, Monarch, Pennel, Pine, Repeat, Richey, Southwest Richey and Wills Creek Fields.

#Transferred to Butte Pipe Line Company.

BARRELS OF CRUDE OIL REFINED IN MONTANA
MONTH OF DECEMBER, 1962

Field	Big West Oil Co.	Continental Oil Co.	Diamond Asphalt Co.	Farmers Union	Humble Oil & Rfg. Co.	Jet Fuel Refinery	Petrofuels Rfg. Co. Inc.	Phillips Petr. Co.	Union Oil Co.	Total
Big Wall		26,894								26,894
Blackfoot									8,693	8,693
Bowes			16,047							16,047
Cat Creek		7,551		8,112		2,165				17,828
Cut Bank	2,353							84,889	65,339	152,581
Delphia						1,539				1,539
Dry Creek				663						663
Elk Basin		123,162		83,703	101,837					308,702
Gage		770								770
Hibbard						1,026				1,026
Keg Coulee		16,883								16,883
Kevin Sunburst	62,758									62,758
Melstone				5,833						5,833
Pondera								52,513		52,513
Poplar							6,568			6,568
Red Creek					15,331					15,331
Richey, S. W.							14,322			14,322
Snyder		856								856
Soap Creek		7,705								7,705
Sumatra & Stensvad		8,283		147,324	157,147					312,754
Tule Creek							10,360			10,360
Whitlash	11,566									11,566
Wolf Springs					13,019					13,019
Total Montana Oil	76,677	192,104	16,047	245,635	287,334	4,730	31,250	137,402	74,032	1,065,211
Canadian Oil Imported		110,549			12,406				2,577	125,532
Wyoming Oil Imported		198,888		302,357	658,224	3,029				1,162,498
Total Montana, Canadian and Wyoming Oil	76,677	501,541	16,047	547,992	957,964	7,759	31,250	137,402	76,609	2,353,241

AVERAGE BARRELS PER DAY

	Montana	Canada	Wyoming	Total
Year, 1961	26,841	90	38,461	65,392
December, 1961	32,131	0	40,950	73,081
December, 1962	34,361	4,050	37,500	75,911

PERCENTAGE OF CRUDE OIL REFINED

	Montana	Canada	Wyoming
Year, 1961	41.04%	.15%	58.81%
December, 1961	43.96%	0%	56.04%
December, 1962	45.26%	5.35%	49.39%